

## Federal Communications Commission

## § 74.962

for use by instructional TV fixed stations, or any change which could result in a change in the electrical characteristics or performance of the station. Upon the installation or modification of the transmitting equipment for which prior FCC authority is not required under the provisions of this paragraph, the licensee shall place in the station records a certification that the new installation complies in all respects with the technical requirements of this part and the terms of the station authorization.

(b) Any change in the antenna system affecting the direction of radiation, directive radiation pattern, antenna gain, or radiated power; provided, however, that a licensee may install a sectorized antenna system without prior consent if such system does not change polarization or result in an increase in radiated power by more than one dB in any direction, and notice of such installation is provided to the Commission on FCC Form 331 within ten (10) days of installation.

(c) Any change in the overall height of the antenna structure, except where notice to the Federal Aviation Administration is specifically not required under § 17.14(b) of the FCC Rules.

(d) Any change in the location of the transmission system except a move within the same building or upon the same antenna supporting structure.

(e) A change in frequency assignment.

(f) A change in the operating power.

(g) Any addition of receiving locations or to modify such a location to a receive and response station.

[45 FR 26068, Apr. 17, 1980, as amended at 50 FR 26761, June 28, 1985; 52 FR 3806, Feb. 6, 1987; 53 FR 36788, Sept. 22, 1988; 63 FR 36605, July 7, 1998; 63 FR 65124, Nov. 25, 1998]

EFFECTIVE DATE NOTE: At 63 FR 65124, Nov. 25, 1998, § 74.951 was amended by revising paragraph (b). Paragraph (b) contains information collection and recordkeeping requirements and will not be effective until approved by the Office of Management and Budget.

### § 74.952 Acceptability of equipment for licensing.

ITFS transmitters must be type certified by the Commission for the particular signals that will be employed in

actual operation. Either the manufacturer or the licensee must obtain transmitter certification for the transmitter by filing an application for certification with appropriate information concerning the signal waveforms and measurements.

[63 FR 65124, Nov. 25, 1998]

### § 74.961 Frequency tolerance.

(a) The frequency of any ITFS station, or of any ITFS booster station authorized pursuant to § 74.985(b), shall be maintained within  $\pm 1$  kHz of the assigned frequency at all times when the station is in operation. ITFS booster stations authorized pursuant to § 74.985(e) and ITFS response stations authorized pursuant to § 74.939 shall employ transmitters with sufficient frequency stability to ensure that the emission stays within the authorized bandwidth. A transmitter licensed prior to November 1, 1991, that remains at the station site initially licensed and does not comply with this paragraph may continue to be used for its life if it does not cause harmful interference to the operation of any other licensee. Any non-conforming transmitter replaced after November 1, 1991, must be replaced by a transmitter meeting the requirements of this paragraph.

(b) For television transmission, the peak power of the accompanying aural signal must not exceed 10 percent of the peak visual power of the transmitter.

(c) Any licensee with transmission equipment conforming to the transmitter tolerance standard of this section can be required to use frequency offset where it is demonstrated to be necessary to avoid harmful interference with another station.

[55 FR 46014, Oct. 31, 1990, as amended at 63 FR 65124, Nov. 25, 1998]

### § 74.962 Frequency monitors and measurements.

Suitable measurements shall be made as often as necessary to ensure that the operating frequencies of the station are within the prescribed tolerances.

[52 FR 3806, Feb. 6, 1987]